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Abstract

An inflatable side protection airbag having a first panel and a second panel, in which the first panel and second panel each have an anterior portion and a posterior portion. The first panel may comprise the outboard portion of the inflated structure. The second panel may be formed in separate fabric pieces which are sewn together, reducing the overall amount of fabric required to construct the second panel. A bridging portion may be provided in the second panel. The bridging portion may be provided adjacent a void area which is positioned at least partially between the anterior portion and the posterior portion of the second panel. An anterior portion of the first panel is mated to the anterior portion of the second panel in forming a front pillow. A posterior portion of the first panel is mated to the posterior portion of the second panel to form a back pillow. The ratio of the amount of fabric actually employed in the final product to the amount of fabric blank utilized for the construction may be as much as eighty or even ninety percent or greater for some designs.

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